2007 December Storm
Snow & Wind & Rain…Oh My!

Washington State Emergency Management Division

At first, there was snow…

December 1st

Snow

1” – 3” Lowlands

2” – 6” Costal Range

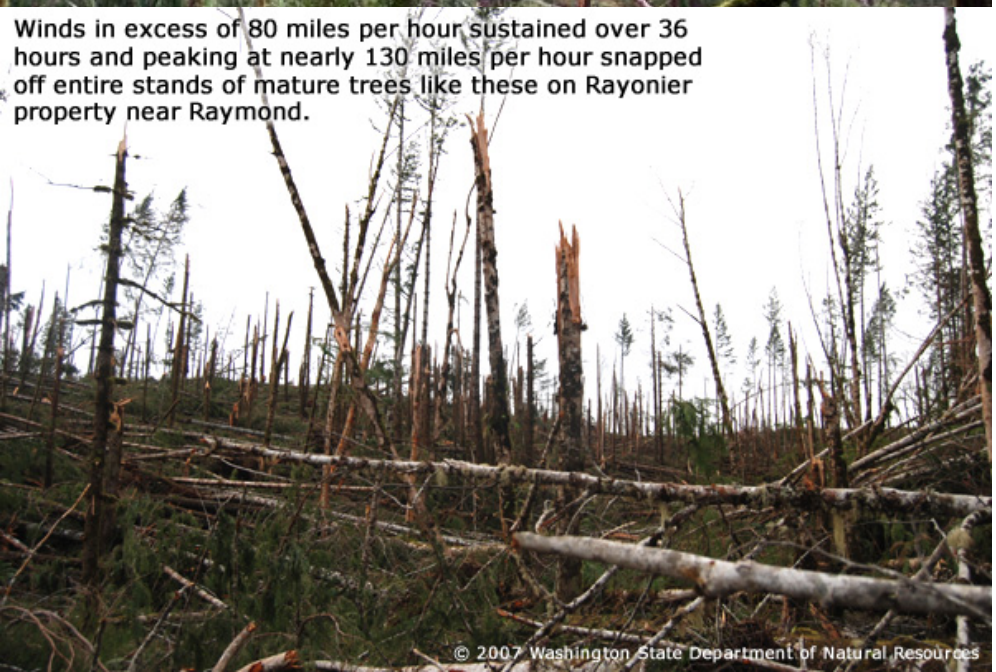
15” – 18” Cascades

Temperature

December 1 – Low 30s

December 2 – 40s - 50s

Here come the winds…



Winds in excess of 80 miles per hour sustained over 36 hours and peaking at nearly 130 miles per hour snapped off entire stands of mature trees like these on Rayonier property near Raymond.

<u>December 2-3</u>

Winds

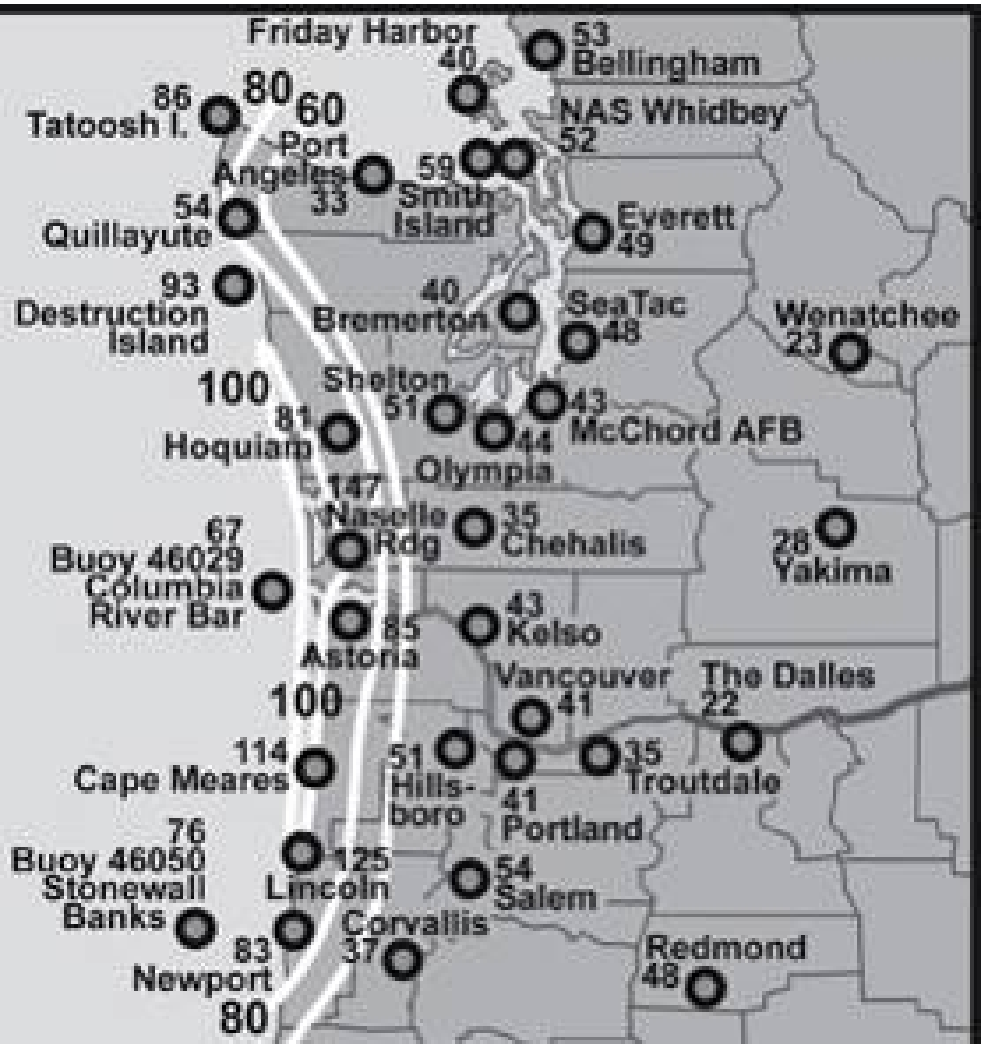
80 mph sustained

129 mph gusts

988.7 mb

Equivalent to a

Category 1 Hurricane



Power Outage

~ 100,000 residents

Recorded Wind Speed

Naselle Ridge – 147 mph

Tatoosh Island – 86 mph

Cape Meares – 114 mph

Hoquiam – 81 mph

Here comes the rain…

<u>December 1-4 Rainfall</u>

Rock Creek (Lewis Co) – 19.63”

Pe Ell (Lewis Co) – 15.18”

Bremerton – 7.5” (Record)

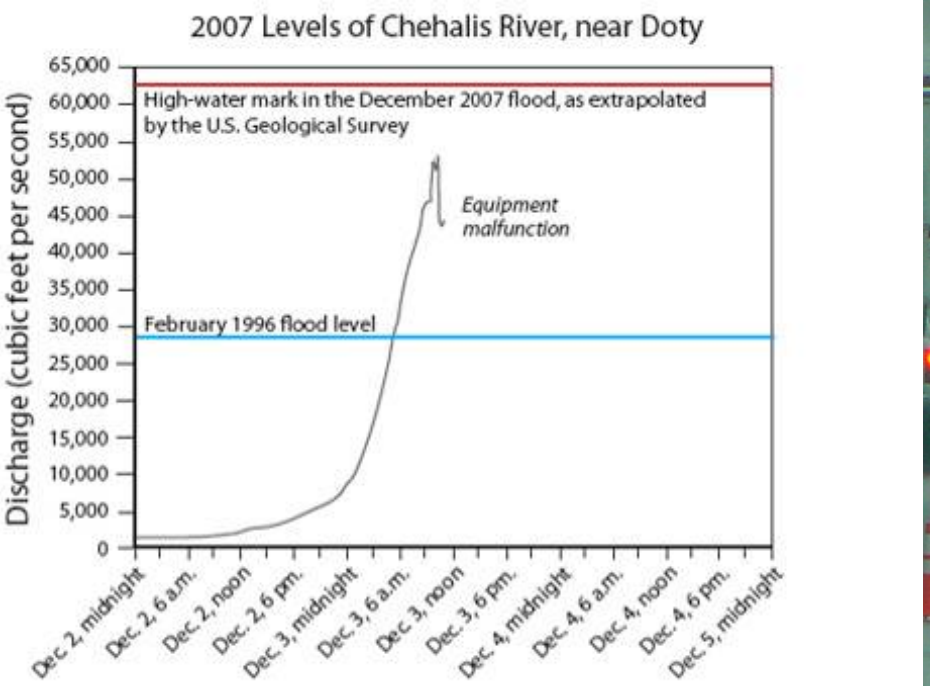
Shelton – 6.42”

Flooding

"500 year flood"

10 sites all-time record levels

I-5 closed



Six Fatalities

Most from Avalanche

1700 Homes

Damaged or destroyed

Recovery Costs

Exceeds $72.5 million

Presidential Disaster Declaration

Six Counties

Transportation Infrastructure

- Interstate 5 in Lewis Co
- Hwy 101
  - Mason Co
  - Pacific & Grays Harbor Cos
- Hwy 8 in Grays Harbor Co
- Hwy 6 in Lewis Co
- Hwy 108 in Mason Co
- Hwy 2 Stevens Pass
- Hwy 12 White Pass
- Interstate 5 Snoqualmie Pass

Support Operations

- ARES/RACES
- 300 Air Rescues
- Incident Management Teams
- Sandbags
- Generators
- Tarps
- Water & MREs
- Temporary Bridges
- Traffic Control
- Shelters
- Debris Removal

2007 Floods

Amateur Support

2007 Floods

- Pacific County – Amateur radio became their main communications channels. Long Beach lost both HF antennas. 11 members assisted with communications needs.
- Cowlitz and Wahkiakum counties utilized Amateur radio as the primary means to relay messages to the State EOC from the Wahkiakum 911 Center/EOC. Wahkiakum utilized the Beach net system.
- King county utilized amateur volunteers to collect damage reports.

2007 Floods

- Seattle Team sent 6 operators to NOAA Wx Radio to operate the Ham station to handle report for coastal areas.
- Snohomish ACES supported their DEM.
- Thurston County ARES team supported flood evacuation operations. They manned the EOC in Olympia, filed sites at the Rochester Fire Station LDS church, and a landing zones for helicopter rescue flights. They helped coordinate resources, traffic and manned several county radio systems.

2007 Floods

- WA EOC RACES was activated.
- WA EOC provided satellite telephones system for several tribal nations and counties.
- Clallam county – Skywarn net was activated. 25 Amateurs responded reporting winds, power outages, and downed trees.

2007 Floods

- Jefferson county – Emergency net was activated with 7 members indicating their availability to come to assist if needed.
- Kitsap county – ARES members placed on standby
- Lewis county – never lsot communicaitons. Many ARES members worked at EOC, 3 teams utilized. ARES member supported the Boisfort command post. Lewis county recognized the value of amateur support so much during this incident that they are now making room for them in the Boisfort Fire Station.

2007 Floods

- Grays Harbor – ARES teams provide communications to remote areas, delivered goods and EOC telephone support. Relayed communications between ground shelters and command van.

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Don Miller & Laura Goudreau